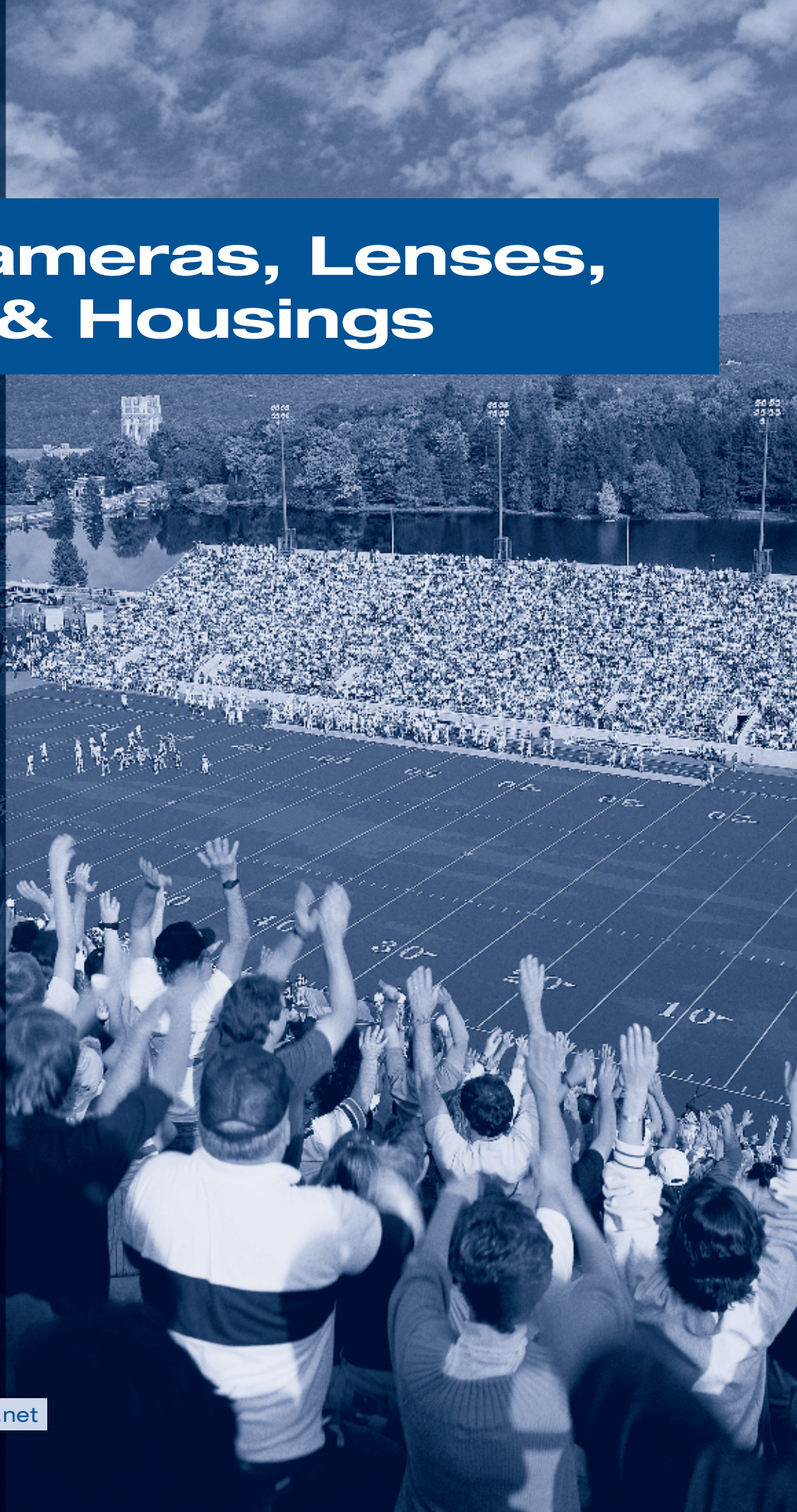
Fixed Cameras, Lenses, Mounts & Housings

Whenever thousands of fans converge to root for the home team, everyone is safer on and off the field with video security from American Dynamics. Public safety may be at an all-time premium these days but sports enthusiasts can attend the game secure in the knowledge that our fixed cameras never drop the ball.



www.americandynamics.net

Fixed Cameras

Quality in means quality out. The only way to guarantee that a clear accurate picture appears on your monitor is to start with a camera capable of feeding clear accurate pictures into the system. American Dynamics fixed cameras do just that, giving you the best image every time. Our color models reproduce superior hues and render truer flesh tones. Our cameras penetrate light levels as low as .02 lux. Camera Pre-Packs take the guesswork out of installation, providing everything you need — camera, lens, housing, mount and mounting hardware — and are pre-assembled for your convenience at no extra charge. Whatever your requirements, American Dynamics has the right camera for the job.

Camera Pre-Packs:

Standard Pre-Packs include color, black & white, and True Day/Night cameras (product dependent) with a choice of lenses, as well as indoor and outdoor housing mounts. **Discover Mini-Domes** are vandal or non-vandal resistant and combine two options in one housing — they can either be flush or surface-mounted. Select from two different bubble options: tinted for covert use or clear for maximizing low light performance. The vandal resistant housing is made with a high-impact polycarbonate bubble, tamper-resistant hardware and is available in a black or white finish. The non-vandal resistant version is available in a white finish. A variety of other **Speciality Pre-Packs** are also available.

Color Cameras:

Our color Digital Signal Processing (DSP) cameras produce natural rich images, making it easier to identify your subject or discern a red car from a maroon one in instances when knowing the difference really matters. We design and test for color accuracy in every imaginable kind of lighting, from halogen, sodium vapor and mercury vapor to fluorescent and natural sunlight.

Each of our CCD color cameras can serve a multitude of applications. We offer economical, efficient models for entry level and general purpose installations where cost and reliability are paramount. We also offer high-end, advanced feature models equipped with Wide Dynamic Range (WDR), Night-Saver mode and backlight compensation.

Black & White Camera:

Our black & white cameras feature full-performance high resolution imagers and perform amazingly in minimal light. All models are infrared light-sensitive, making them the perfect choice for covert operations when used with IR illuminators. When it means the difference between illuminating a dark area such as a parking garage or installing low-light cameras, these models can save you enough money to pay for themselves.

High Resolution Cameras:

540TVL and 540TVL with True Day/Night cameras provide high resolution images in a variety of lighting conditions and are competitively-priced. The models with Night-Saver mode are the ideal choice for applications requiring 540 TVL to provide super, high resolution images and true color rendition. The Night-Saver mode automatically switches the cameras to quasi black and white in scenes with low lighting to provide better low-light detail performance. Internal and phase adjustable line lock options are also included for roll-free switching. True Day/Night models also include a moving mechanical IR cut filter that provides True Day/Night functionality, easy-to-use advanced features such as on-screen menu programming with default settings, advanced pixel correction, a focus adjust mode for focus accuracy, selectable four-zone BLC, manual shutter mode, and a monitor mode to optimize the camera output for CRT or LCD displays. Both series of cameras are extremely reliable, easy-to-install, and are optimal for use in areas where high performance in a variety of lighting conditions is required.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

AMERICAN DYNAMICS

ADCDH2506CN
(Discover Indoor/Outdoor)

ADCBH2506CN
(Discover Indoor/Outdoor)

ADCPWH2506CN
(Discover Indoor)

ADCDDRONE
(Discover Drone Indoor/Outdoor)

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

- High-impact, vandal resistant housing that retains shape even after forceful impact*
- High-impact, vandal resistant polycarbonate bubbles (clear and tinted)*
- Snap-on bubble liner for an extra level of covertness
- Advanced pivoting axis provides greater viewing flexibility
- Three auto iris lens options for better image quality and improved low-light performance
- Multiple camera options, including WDR model with latest Pixim® technology*
- Night-Saver mode for extreme low-light conditions (high resolution & WDR models only)
- Easy installation with eight mounting options (surface, flush, pendant, wall, wall-pole, wall-exterior corner, inside corner, electrical box)*
- Discover Drone option*
- IP66 and NEMA4X-rated for -30° to 50°C (-22° to 122°F)*
- ADCD and ADCB series dimensions: [height x bubble diameter]: 93 x 95 mm (3.6 x 3.7 in)

  High resolution camera weight: 1.0 kg (2.2 lbs)

  WDR & standard resolution camera weight: 0.9 kg (1.9 lbs)
- ADCPW dimensions: [height x bubble diameter]: 100 x 120 mm (3.9 x 4.7 in)

  Weight: 0.3 kg (0.7 lbs)

** ADCD and ADCB series only.*

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

Discover Mini-Domes & MOUNTS

2 SELECT A MODEL

Model Number Configuration for Discover Mini-Domes

BRAND	TYPE & FINISH	CAMERA	FOCAL LENGTH	BUBBLE	FORMAT
AD	XXX or XX	X	XXXX	X	X
AD	CPW = Indoor, White CD = Vandal resistant, White CB = Vandal resistant, Black	H = High resolution W = Wide dynamic range S = Standard resolution	2506 = 2.5 – 6 mm 3895 = 3.8 – 9.5 mm 0922 = 9 – 22 mm	C = Clear T = Tinted	N = NTSC P = PAL U = Universal

Note: All models are not available per configuration table above; contact your sales representative for availability.

WHITE

Indoor

High Resolution (Clear Bubble):

ADCPWH2506**CN**
ADCPWH2506**CP**
ADCPWH3895**CN**
ADCPWH3895**CP**
ADCPWH0922**CN**
ADCPWH0922**CP**

(Tint Bubble):

ADCPWH2506**TN**
ADCPWH2506**TP**
ADCPWH3895**TN**
ADCPWH3895**TP**
ADCPWH0922**TN**
ADCPWH0922**TP**

Mounts:

ADCPWM**PEND**
(Pendant cap, three-quarter inch thread)

Vandal Resistant Indoor/Outdoor

High Resolution (Clear Bubble):

ADCDH2506**CN**
ADCDH2506**CN4**
ADCDH2506**CN8**
ADCDH2506**CP**
ADCDH3895**CN**
ADCDH3895**CN4**
ADCDH3895**CN8**
ADCDH3895**CP**
ADCDH0922**CN**
ADCDH0922**CN4**
ADCDH0922**CN8**
ADCDH0922**CP**

High Resolution (Tint Bubble):

ADCDH2506**TN**
ADCDH2506**TN4**
ADCDH2506**TP**
ADCDH3895**TN**
ADCDH3895**TN4**
ADCDH3895**TP**
ADCDH0922**TN**
ADCDH0922**TN4**
ADCDH0922**TP**

High Resolution (WDR, Clear Bubble):

ADCDW**2506**CU
ADCDW**3895**CU
ADCDW**0922**CU

High Resolution (WDR, Tint Bubble):

ADCDW**2506**TU
ADCDW**3895**TU
ADCDW**0922**TU

Standard Resolution (Clear Bubble):

ADCDS3895**CN**
ADCDS3895**CP**

Standard Resolution (Tint Bubble):

ADCDS3895**TN**
ADCDS3895**TP**

Mounts & Accessories:

ADCDM**WALL**
(Wall mount w/pendant cap)

ADCDM**POLE**
*(Pole mount for use with ADCDM**WALL**)*

ADCDM**PEND**
(Pendant cap, three-quarter inch thread)

ADCDD**RONE**
(Drone, no camera or lens capability)

ADCDM**CRNR**
(Corner mount)

ADCDM**CRNRO**
*(Outside corner adapter for use with **ADCDMWALL**)*

ADCDM**ELEC**
(4S electrical box adapter)

BLACK

Vandel Resistant Indoor/Outdoor

High Resolution (Clear Bubble):

ADCBH2506**CN**
ADCBH2506**CN4**
ADCBH2506**CN8**
ADCBH2506**CP**
ADCBH3895**CN**
ADCBH3895**CP**
ADCBH0922**CN**
ADCBH0922**CN4**
ADCBH0922**CN8**
ADCBH0922**CP**

High Resolution (Tint Bubble):

ADCBH2506**TN**
ADCBH2506**TN4**
ADCBH2506**TN8**
ADCBH2506**TP**
ADCBH3895**TN**
ADCBH3895**TN4**
ADCBH3895**TN8**
ADCBH3895**TP**
ADCBH0922**TN**
ADCBH0922**TN4**
ADCBH0922**TN8**
ADCBH0922**TP**

High Resolution (WDR, Clear Bubble):

ADCBW**2506**CU
ADCBW**3895**CU
ADCBW**0922**CU

High Resolution (WDR, Tint Bubble):

ADCBW**2506**TU
ADCBW**3895**TU
ADCBW**0922**TU

Standard Resolution (Clear Bubble):

ADCBS3895**CN**
ADCBS3895**CP**

Standard Resolution (Tint Bubble):

ADCBS3895**TN**
ADCBS3895**TP**

Mounts & Accessories:

ADCBM**WALL**
(Wall mount w/pendant cap)

ADCBMP**END**
(Pendant cap, three-quarter inch thread)

ADCB**DRONE**
(Drone, no camera or lens capability)

3 SELECT YOUR CAMERA ACCESSORIES (FOR USE WITH ALL MODELS)

ADCDSLC *(Video service lead cable)*

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

INTEGRATED CAMERA, HOUSING & LENS SAVES YOU MONEY

Pre-packs save you time and money. Arriving at your door pre-assembled and ready to go, they offer high level performance and advanced camera features.

1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

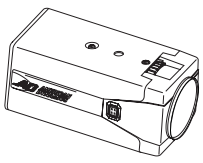
- Choice of camera, lens, housing and mount combinations
- Some versions also available without housing
- Assembled, adjusted and tested
- Quick and easy installation
- Indoor and outdoor versions
- NTSC and EIA versions only
- Some versions include heater and blower

2 ORDER A STANDARD PRE-PACK KIT

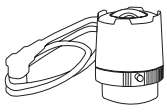
CONTENTS OF A PRE-PACK:

- Ⓐ Camera
- Ⓑ Lens
- Ⓒ Housing *(either indoor or outdoor environments)*
- Ⓓ Mount

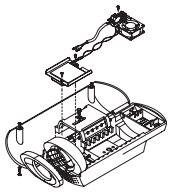
Ⓐ Camera



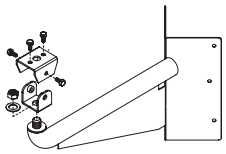
Ⓑ Lens



Ⓒ Housing



Ⓓ Mount



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Standard Pre-Packs

3 SELECT A MODEL

INDOOR

With Housing (Wall Mount):

CPAKI**3303-8**
CPAKI**3302-12**
CPAKI**5803-8**
CPAKI**5802-12**
CPAKI**SHR3-8N**
CPAKI**SHR2-12N**

With Housing (Pole Mount):

CPAKI**P3303-8**
CPAKI**P3302-12**
CPAKI**PSHR3-8N**
CPAKI**PSHR2-12N**

Without Housing (Wall Mount):

CPAKI**W5803-8**
CPAKI**W5802-12**
CPAKI**W3303-8**
CPAKI**W3302-12**
CPAKI**W3305-50**
CPAKI**WSHR3-8N**
CPAKI**WSHR2-12N**
CPAKI**WSHR5-50N**

OUTDOOR

With Housing (Wall Mount):

CPAKO**5803-8**
CPAKO**5802-12**
CPAKO**5805-50**
CPAKO**3303-8**
CPAKO**3302-12**
CPAKO**3305-50**
CPAKO**SHR3-8N**
CPAKO**SHR2-12N**
CPAKO**SHR5-50N**
CPAKO**TDN3-8N**
CPAKO**TDN2-11N**
CPAKO**TDN10-40N**

With Housing (Pole Mount):

CPAKO**P5803-8**
CPAKO**P5802-12**
CPAKO**P5805-50**
CPAKO**P3303-8**
CPAKO**P3302-12**
CPAKO**P3305-50**
CPAKO**PSHR3-8N**
CPAKO**PSHR2-12N**
CPAKO**PSHR5-50N**
CPAKO**PTDN3-8N**
CPAKO**PTDN2-11N**
CPAKO**PTDN10-40N**

Millions of people board public transportation systems. Those who take train routes protected by American Dynamics fixed cameras are secured a safer ride.

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

Speciality Pre-Packs

Micro-Camera Pre-Packs:

- 4-inch micro-dome
- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 3.6 mm lens; 92° horizontal FOV
- 2.0 lux - color
- Sharp picture
- Automatic electronic shutter
- Automatic gain control
- For indoor use only
- Auto tracing white balance
- 12 VDC input via included regulated power supply
- Diameter: 100 mm (3.94 in)
- Height: 57 mm (2.2 in)
- Weight: .18 kg (.40 lbs)

ADC**720**D
ADC**720**DW
(Photo not available)

Bullet Camera Pre-Packs:

- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 6 mm lens; 54° horizontal FOV
- 2.0 lux - color
- Sharp picture
- Sensitive to IR illumination and weather resistant
- Automatic electronic shutter
- Automatic gain control
- For indoor/outdoor use
- Auto tracing white balance
- 12 VDC input via included regulated power supply
- Diameter: 65 mm (2.5 in)
- Height: 105 mm (4.1 in)
- Weight: .55 kg (1.2 lbs)

ADC**722**WP

Motion Detector Camera Pre-Packs:

- Non-functional PIR detector housing
- 1/3" interline color imager, NTSC format
- 330 TVL - color
- 1/3", 3.7 mm lens; 90° horizontal FOV
- 2.0 lux - color
- Sharp picture
- For indoor use only
- Automatic electronic shutter
- Automatic gain control
- For indoor use only
- Auto tracing white balance
- 12 VDC input via included regulated power supply
- Dimensions: 70 x 110 x 49 mm (2.7 x 4.3 x 1.9 in)
- Weight: .18 kg (.40 lbs)

ADC**723**PIR

Warehouse managers can watch loading docks and platforms – the places most vulnerable to theft – 24/7 with fixed DSP cameras from American Dynamics, even when the lights are low.

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American Dynamics fixed cameras let you know whether it is perception or reality when anyone gives even the vaguest appearance of wrongdoing.

CHOOSE A FIXED CAMERA THAT IS RIGHT FOR YOU

	STANDARD			WDR	TRUE DAY/NIGHT
	ADC660N/P	**ADC733**	**ADCSHR Series**	**ADC770**	**ADCTDN Series**
B&W or Color	B&W	Color	Color	Color	Color
Video Format	EIA or CCIR model dependent	NTSC	NTSC or PAL model dependent	NTSC	NTSC or PAL model dependent
Format	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD	1/3" interline CCD
Resolution	580 TVL	330 TVL	540 TVL	480 TVL	540 TVL
Minimum Scene Illumination Color B&W	 N/A 0.03 lux	 0.5 lux N/A	 0.7 lux 0.5 lux	 0.4 lux N/A	 0.4 lux 0.02 lux
Light Level	0.03 lux	0.5 lux	0.7 lux	0.4 lux	0.04 lux
Input Voltage	24 VAC or 12 VDC	24 VAC or 12 VDC	24 VAC/12 VDC or 230 VAC model dependent	24 VAC or 12 VDC	24 VAC/12 VDC or 230 VAC model dependent
Standard Lens	DC-type or EE-type auto iris	DC-type auto iris	DC-type or EE-type auto iris	DC-type or EE-type auto iris	DC-type or EE-type auto iris
Wide Dynamic Range	No	No	No	Yes	No
Night-Saver Mode	No	No	Yes	No	Yes
True Day/Night (Moving IR Cut Filter)	No	No	No	No	Yes
Automatic Backlight Compensation	Yes	Yes	Yes	Yes, plus 6-zones	Yes, plus 4-zones
Automatic Electronic Shutter	Yes	Yes	Yes	Yes	Yes
Digital Slow Shutter	No	No	No	Yes	No
Automatic Gain Control	Yes	Yes	Yes	Yes	Yes
Sensitive to IR Illumination	Yes	No	No	No	Yes
Body Color	Light Gray	Light Gray	Light Gray	Light Gray	Light Gray
Reference Page Number	10	10	11	11	11

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Fixed Cameras

Black & White Camera, 1/3", 580 TVL, 0.03 lux:

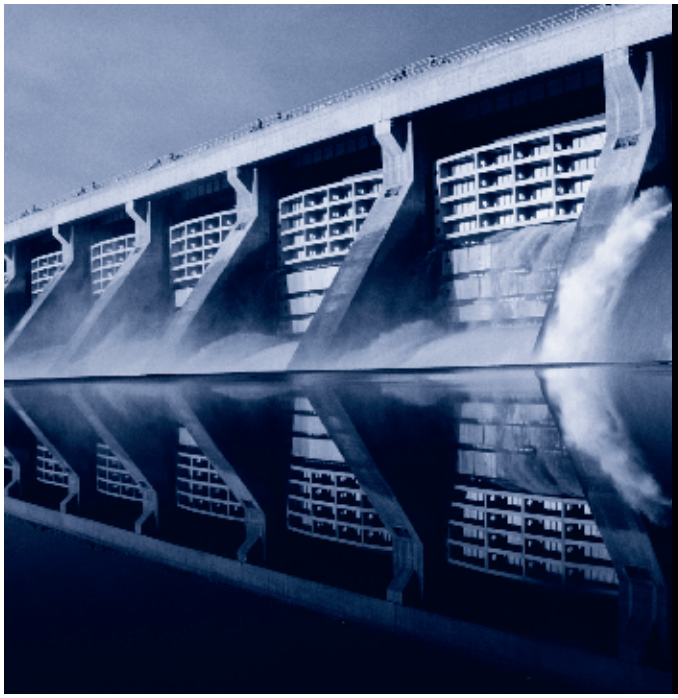
- 1/3-inch interline black & white CCD
- 580 TVL resolution
- .03 lux low light sensitivity
- Sensitive to IR illumination
- Supports DC-type or EE-type auto iris lenses
- CS lens mount
- Automatic backlight compensation
- 24 VAC or 12 VDC input
- Dimensions: 55 x 55 x 120 mm (2.16 x 2.16 x 4.72 in)
- Unit weight: .400 kg (0.9 lbs)

ADC660**N**
ADC660**P**

Color Camera, 1/3", 330 TVL, 0.5 lux, CCD, DSP:

- 1/3" interline color CCD
- Digital Signal Processing (DSP)
- 330 TVL resolution
- .5 lux low light sensitivity
- Exceptional Auto White Balance (2,300°K to 10,000°K)
- Supports DC-type auto iris lenses
- C/CS lens mount
- Automatic electronic shutter (AES)
- Dual (H&V) edge enhancement
- Automatic gain control (AGC)
- Backlight compensation (BLC)
- Phase adjustable line-lock
- Internal isolation transformer
- Low 3.6 watt power consumption
- 24 VAC or 12 VDC input
- Dimensions: 58 x 50 x 126 mm (2.28 x 1.97 x 4.96 in)
- Unit weight: .360 kg (0.79 lbs)

ADC733



" The Water Plant certainly had extensive video requirements and, with the high quality and reliability American Dynamics products have had throughout the years, we elected to use their cameras and digital recorders."

–Stephen Martyn
Owner
NuTech Security

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Fixed Cameras

Color Camera, 1/3", Super High Resolution 540 TVL, 0.5 lux:

- 540 TVL with Night-Saver mode
- Available in 24 VAC/12 VDC NTSC, 24 VAC/12 VDC PAL or mains 230 VAC PAL
- Superior low-light performance
- Auto white balance (AWB) adjusts for accurate colors across a multitude of lighting conditions
- Automatic gain control (AGC), automatic electronic shutter (AES) and backlight compensation (BLC)
- Phase adjustable line-lock or internal synchronization
- Compatible with C/CS lenses, video or DC auto iris versions
- Available in camera pre-packs for easy ordering and installation
- ADCSHR2412 series:
  Dimensions:
  52 x 58 x 126 mm
  (2.0 x 2.28 x 4.96 in)
  Unit weight: 370 g (0.82 lbs)
- ADCSHR0230 series:
  Dimensions:
  67 x 63 x 126 mm
  (2.56 x 2.48 x 4.96 in)
  Unit weight: 713 g (1.57 lbs)

ADCSHR2412**N**
ADCSHR2412**P**
ADCSHR0230**P**

Color Camera, 1/3", 480 TVL, 0.4 lux, CCD with Wide Dynamic Range:

- 1/3" interline color CCD
- Digital Signal Processing (DSP)
- 480 TVL resolution
- 0.4 lux low light sensitivity, .02 lux at 1/32 slow shutter
- Wide dynamic range (WDR)
- Automatic electronic shutter (AES) and digital slow shutter (DSS)
- Dual (H & V) edge enhancement
- Automatic gain control (AGC) with phase adjustable line-lock
- 6 backlight compensation zones
- On screen menus and camera titles
- Supports DC and video-type auto iris lenses
- C/CS lens mount
- 24 VAC or 12 VDC input
- Internal isolation transformer
- Dimensions:
  63 x 75 x 149 mm
  (2.5 x 3.0 x 5.9 in)
- Unit weight: .600 kg (1.32 lbs)

ADC770

True Day/Night Color Camera, 1/3", 540 TVL, 0.02 lux:

- 540 TVL True Day/Night with moving mechanical IR cut filter
- Available in 24 VAC/12 VDC NTSC, 24 VAC/12 VDC PAL or mains 230 VAC PAL
- Focus adjust mode for ease of installation and focus accuracy
- On-screen menu display for easy programming (such as camera titles)
- Monitor mode to optimize output for CRT or LCD displays
- Advanced pixel correction
- Factory default settings
- Auxiliary input and output
- Selectable 4 zone BLC
- Manual shutter mode
- Low-light performance down to 0.02 lux
- Auto white balance (AWB) adjusts for accurate colors across a multitude of lighting conditions
- Automatic gain control (AGC), automatic electronic shutter (AES) and backlight compensation (BLC)
- Phase adjustable line-lock or internal synchronization
- Compatible with C/CS lenses, video or DC auto Iris versions, including American Dynamics IR corrected lenses (vari-focal length)
- Available as camera pre-packs for easy ordering and installation
- Dimensions:
  67 x 63 x 126 mm
  (2.56 x 2.48 x 4.96 in)
- ADCTDN2412 series:
  Unit weight: 480 g (1.06 lbs)
- ADCTDN0230 series:
  Unit weight: 700 g (1.54 lbs)

ADCTDN2412**N**
ADCTDN2412**P**
ADCTDN0230**P**

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CHOOSE A LENS THAT IS RIGHT FOR YOU

1/3 INCH LENS COMPARISON TABLE

Lens Type	Model Number	Focal Length	Aperature (F-stop)	View Angle Horizontal	View Angle Vertical	Minimum Object Distance	Size (D x L)
AUTO IRIS							
VARI-FOCAL	LD35814CS	3.5 to 8 mm	f1.4 to 360°	77.5° to 35.4°	57.6° x 26.6°	0.40 m (1.31 ft)	42.6 x 43.5 mm (1.67 x 1.71 in)
	ADCLVF3212DC	2.8 to 12 mm	f1.3 to 360°	98.2° to 23.8°	73.6° x 17.8°	0.30 m (0.98 ft)	37.5 x 56 mm (1.48 x 2.20 in)
	LD55013CS	5 to 50 mm	f1.3 to 360°	51.8° to 5.60°	39.2° x 4.30°	0.80 m (2.62 ft)	57.5 x 57.7 mm (2.26 x 2.27 in)
FIXED FOCAL	LD2616CS	2.6 mm	f1.6 to 360°	98.7°	74.9°	0.10 m (0.32 ft)	32 x 34.7 mm (1.26 x 1.37 in)
	LD0412CS	4 mm	f1.2 to 360°	63.9°	49.1°	0.20 m (0.65 ft)	32 x 33 mm (1.26 x 1.30 in)
	LD0812CS	8 mm	f1.2 to 360°	34.7°	25.9°	0.20 m (0.65 ft)	32 x 33 mm (1.26 x 1.30 in)
MANUAL IRIS							
VARI-FOCAL	L35814CS	3.5 to 8 mm	f1.4 to C	77.6° to 35.4°	57.6° x 26.6°	0.40 m (1.31 ft)	34 x 43.5 mm (1.34 x 1.71 in)
	ADCLVF3212MI	2.8 to 12 mm	f1.3 to C	9.28° to 23.8°	73.6° x 17.8°	0.30 m (0.98 ft)	40.7 x 56 mm (1.60 x 2.21 in)
	L55013CS	5 to 50 mm	f1.3 to C	51.5° to 5.60°	39.2° x 4.3°	0.80 m (2.62 ft)	47 x 57.7 mm (1.85 x 2.27 in)
FIXED FOCAL	L2616CS	2.6 mm	f1.3 to 11C	98.7°	74.9°	0.10 m (0.32 ft)	34.5 x 34.7 mm (1.36 x 1.37 in)
IR CORRECTED, AUTO IRIS							
VARI-FOCAL	LIRC0308CS	3.0 to 8 mm	f1.0 to 360°	90.8° to 36.2°	66.6° x 27.0°	0.20 m (0.65 ft)	33 x 47 mm (1.30 x 1.85 in)
	LIRC2811CS	2.8 to 11 mm	f1.4 to 360°	97.4° to 26.2°	72.4° x 19.7°	0.30 m (0.98 ft)	40 x 62.8 mm (1.57 x 2.47 in)
	LIRC1040CS	10 to 40 mm	f1.4 to 360°	27.6° to 7.0°	20.4° x 5.3°	0.40 m (1.31 ft)	43 x 71 mm (1.69 x 2.80 in)

1/2 INCH LENS COMPARISON TABLE

AUTO IRIS							
VARI-FOCAL	LD41016CS	4.5 to 10 mm	f1.6 to 360°	81.3° to 36.2°	60.4° x 28.7°	0.30 m (0.98 ft)	42.6 x 43.5 mm (1.67 x 1.71 in)
FIXED FOCAL	LD3616CS	3.6 mm	f1.6 to 360°	99.2°	74.1°	0.20 m (0.65 ft)	32 x 33 mm (1.26 x 1.30 in)
	LD0614CS	6.0 mm	f1.4 to 360°	58.3°	44.3°	0.20 m (0.65 ft)	32 x 33 mm (1.26 x 1.30 in)
MANUAL IRIS							
VARI-FOCAL	L41016CS	4.5 to 10 mm	f1.6 to C	81.3° to 38.2°	60.4° x 28.7°	0.30 m (0.98 ft)	45 x 54.6 mm (1.77 x 2.15 in)
FIXED FOCAL	L1214CS	12 mm	1.4 to 16 C	30.4°	22.7°	0.30 m (0.98 ft)	34.5 x 33 mm (1.36 x 1.30 in)

Note: All DC lenses are terminated with a standard 4-pin DC iris connector for direct connection to American Dynamics cameras.

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1 CHOOSE FEATURES THAT MAKE A DIFFERENCE

Auto Iris Lenses:

- 1/3" and 1/2" formats
- CS mounts
- Color corrected optics
- Fixed and variable focal lengths
- Neutral Density (ND) filters
- Slip clutch on lens mount for easy positioning

Manual Iris Lenses:

- 1/3" and 1/2" formats
- CS mounts
- Color corrected optics
- High quality, compact design
- Fixed and variable focal lengths
- Slip clutch on lens mount for easy positioning

IR Corrected, Auto Iris Lenses:

- 1/3" formats
- CS mounts
- Advanced optical design eliminates shifts of focus in near infrared range
- Multi-layer coating prevents transmittance fall off in the infrared range
- Specifically designed for True Day/Night cameras and any high optical performance color camera
- Aspherical lens design provides outstanding image quality
- Built-in slip mount and ring locking mechanisms

3-8 mm lens
Wide angle lens appropriate for large expanses.

2-12 mm lens
Normal lens appropriate for viewing wide to intermediate scenes with more detail.

5-50 mm lens
Normal to telephoto lens appropriate for viewing large areas and zooming in for greater detail.

The importance of selecting the right lens for any application is often overlooked. The rule of thumb: shorter focal length or wide lenses (2 mm) provide wide angle views. Longer focal length or telephoto lenses (16 mm or greater) narrow the view and bring objects closer.

Lens/Camera, C/CS Adapter Ring:

- Spare lens/camera C/CS adapter ring

RVCADAP

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Lenses

2 SELECT A MODEL

IR CORRECTED LENS SELECTION GUIDE

1 SELECT YOUR LENS FORMAT	2 SELECT YOUR LENS TYPE	3 SELECT YOUR FOCAL TYPE	4 SELECT YOUR FOCAL LENGTH	5 SELECT A MODEL
1/3 inch	Auto	Vari-focal	3.0 mm to 8 mm	LIRC0308CS
			2.8 mm to 11 mm	LIRC2811CS
			1.0 mm to 40 mm	LIRC1040CS

6 SELECT YOUR CAMERA ACCESSORIES

> Housings: pp. 17-18
> Fixed camera mounts: p. 16
> IR illuminators: p. 19
> Housing mounts: p. 18
> Power supplies: p. 92

With fixed cameras from American Dynamics focused on their vehicles – and license plates – drivers are less inclined to pass through a tollbooth without paying.

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Lenses

2 SELECT A MODEL

AUTO & MANUAL LENS SELECTION GUIDE

1 SELECT YOUR LENS FORMAT	2 SELECT YOUR LENS TYPE	3 SELECT YOUR FOCAL TYPE	4 SELECT YOUR FOCAL LENGTH	5 SELECT A MODEL
1/3 inch	Auto	Vari-focal	3.5 mm to 8 mm	LD35814CS
			2.8 mm to 12 mm	ADCLVF3212DC
			5 mm to 50 mm	LD55013CS
		Fixed focal	2.6 mm	LD2616CS
			4 mm	LD0412CS
			8 mm	LD0812CS
	Manual	Vari-focal	3.5 mm to 8 mm	L35814CS
			2.8 mm to 12 mm	ADCLVF3212MI
			5 mm to 50 mm	L55013CS
		Fixed focal	2.6 mm	L2616CS
1/2 inch	Auto	Vari-focal	4.5 mm to 10 mm	LD41016CS
		Fixed focal	3.6 mm	LD3616CS
			6 mm	LD0614CS
	Manual	Vari-focal	4.5 mm to 10 mm	L41016CS
		Fixed focal	12 mm	L1214CS

Our fixed cameras and lenses capture the identity of every vehicle or person who comes and goes, driving criminal intent out from even the most remote corners of parking lots and garages.

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Mounts

ADMC1361

ADMC1363

ADMC1362

ADMC1365

ADCMU

RHTBAR3-6

C2116-14

C2122-14

RH311

ADCM100T

RHTBAR-9

ADMC1366

Fixed Camera Mounts:

- Indoor mounts
- All mounts compatible with all American Dynamics cameras
- Up to 2.2 kg (5 lbs) capacity
- Up to 4.53 kg (10 lbs) capacity for ADCMU mounts
- Adjustable swivel heads
- Beige, gray or black enamel finish (depending on the model)
- Wall and ceiling mounts
- Attractive styling
- Refer to data sheet or www.americandynamics.net for dimensions and weights

ADMC1361	RHTBAR-9
ADMC1362	C2116-14
ADMC1363	C2122-14
ADMC1365	RH311
ADMC1366	ADCMU
ADCM100T	
RHTBAR3-6	

Fixed Camera Mount Kit:

- Indoor only
- Includes a 7.5" (191 mm) adjustable wall mount, mounting hardware and cable
- Includes a 120 VAC to 24 VAC power supply

RTHINDR

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Indoor Wedge Camera Housing:

- Low-profile wedge shape
- Easy installation
- Suitable for use in open plenum ceilings
- All metal construction
- AD1301 has 231 mm (9.1") maximum camera/lens length
- AD1303 has 304 mm (12") maximum camera/lens length
- Tamper resistant
- Distortion free Lexan® viewing window

- AD1301 series dimensions:
  Total: 165.1 x 120.7 x 295.3 mm
  (6.6 x 4.75 x 11.63 in)
  Above ceiling: 76.2 x 85.7 x 231.8 mm
  (3.0 x 3.38 x 9.13 in)
  Below ceiling: 88.9 x 120.7 x 295.3 mm
  (3.5 x 4.75 x 11.63 in)
  Weight: 1.82 kg (4 lbs)
- AD1303 series dimensions:
  Total: 208 x 158.8 x 377.8 mm
  (8.19 x 6.25 x 14.88 in)
  Above ceiling: 102 x 127 x 317.5 mm
  (4.0 x 5.0 x 12.5 in)
  Below ceiling: 106 x 158.8 x 377.8 mm
  (4.25 x 6.25 x 14.88 in)
  Weight: 3.75 kg (8.25 lbs)

Housings

AD**1301**

AD**1303**

Mounts

AD**1301**DCM

AD**1303**DCM

AD**1303**RK

Indoor Corner Camera Housing:

- Corner-mounted
- Heavy-gauge steel construction
- 203 mm (8") maximum camera/lens length
- Tamper resistant
- Distortion-free Lexan viewing window

- Perfect for use in elevators
- Easy to install
- Dimensions:
  238.1 x 242.9 x 241.3 mm
  (9.37 x 9.6 x 9.5 in)
- Weight: 4.13 kg (9.1 lbs)

AD1305

Indoor Flat Lens, In-Ceiling Camera Housing:

- Easy installation
- All metal back box construction
- Suitable for use in open plenum ceilings
- Compact, attractive design
- Perfect for low ceiling applications
- Provides fixed camera capability in an unobtrusive design

- Dimensions:
  Total: 193.4 x 245 mm (7.62 x 9.65 in)
  Above ceiling: 158 x 187.6 mm
  (6.23 x 7.39 in)
  Below ceiling: 35.4 x 245 mm
  (1.40 x 9.65 in)
- Weight: 1.32 kg (2.9 lbs)

RHOPTFLENS

Indoor Tamper-Resistant Housing/Mount Kit:

- Includes housing, wall mount and mounting hardware
- Tamper-resistant screws in housing and mount
- 254 mm (10") maximum camera/lens length

- 3/16-inch thick Lexan window
- Adjustable head with 360° pan and 90° tilt
- Sturdy steel construction

RH410

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Housings & MOUNTS

Indoor/Outdoor 10" (241 mm) Universal Camera Housing:

- Indoor/outdoor housings
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater options available
- Tamper resistant
- Dimensions: 163 x 146 x 348 mm (6.50 x 5.75 x 13.75 in)
- Unit weight: Without sunshield: 1.4 kg (3 lbs) With sunshield: 1.9 kg (4.4 lbs)

Housings	Housing & Mount
ADCH10	ADCH10**MT8**
ADCH10**B**	ADCH10**HBMT8**
ADCH10**H**	Accessory
ADCH10**HB**	ADCH10**SS**

Indoor/Outdoor 12" (304 mm) Universal Camera Housing:

- Indoor/outdoor housings
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater options available
- Tamper resistant
- Dimensions: 41 x 158 x 449 mm (5.56 x 6.2 x 17.68 in)
- Unit Weight: Without sunshield: 1.8 kg (4 lbs) With sunshield: 3.2 kg (7 lbs)

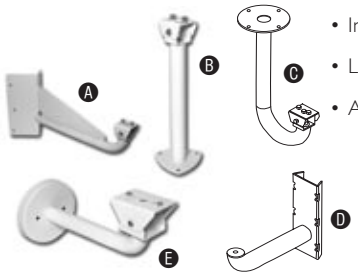
Housings	Accessories
AD1314	AD1314-**B24**
AD1314-**HB24**	AD1314-**H24**
	AD1314-**SS**

Indoor/Outdoor 12" (304.8 mm) Housing/Mount Kit:

- Includes universal camera housing, wall mount, 120 VAC to 24 VAC transformer, mounting hardware and cable
- Accommodates most camera/lens combinations
- Cover opens 180° for easy camera access
- Tough high-impact polymer construction
- IP4/NEMA-3R protection
- 24 VAC blower and heater included
- Tamper-resistant

RTHOUTDR

Housing Mounts:



- Indoor/outdoor mounts
- Load capacity: up to 8 kg (18.6 lbs)
- Adjustable swivel head
- Beige or black enamel finish to complement housing
- Concealed cabling

- A ADCHMT**CRNR**
- B ADCHMT**PED**
- C ADCHMT**CEIL**
- D ADCHMT**POLE**
- E ADCHMT**WALL**

Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales rep.

IR Illuminator

IR Illuminator:

- Long life LED
- 15 watts
- Operating voltage of 12 VDC (± 0.5 V)
- Current: 1.25 A (Amps)
- Infrared wavelength: 950 nm
- Nominal light range* of 15 m (49 ft)
- 40° beam dispersion
- IP66 rating (NEMA-3), indoor/outdoor
- Service life over 100,000 hours
- Use with black & white camera, see p. 10
- Dimensions: 66 x 66 x 55 mm (2.6 x 26 x 2.2 in)
- Weight: .35 kg (.77 lbs)

AD1020-**1541**

Accessory

AD1020-**15PS**

** Nominal range is based on the usage of a CCD camera with 15% IR-sensitivity at f1.4, 50% medium scene reflectance.*

Parking lots and garages are high risk areas, not only for crime but also for premise liability lawsuits that can result from such incidents. Video surveillance from American Dynamics protects the integrity of your operations by protecting the people who visit your facilities. Our infrared illuminators penetrate the darkest areas without revealing the presence of a camera while capturing anything suspect on video.

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